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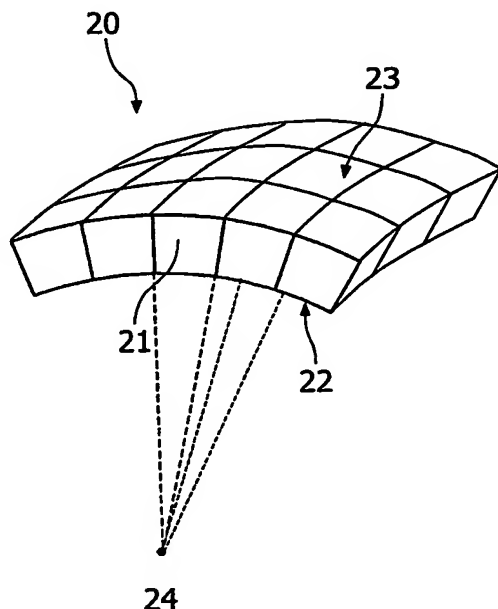
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(54) Title: SCINTILLATION LAYER FOR A PET-DETECTOR



(57) Abstract: The invention relates to a scintillation
layer (20) for a PET-detector. The scintillation layer
(20) consists of a plurality of scintillation elements (21)
that are joined together in a practically gapless way and
that are oriented towards the centre of curvature (24).
Depending on the form of the scintillation layer (20), the
scintillation elements (21) may have for example the form
of a truncated wedge or pyramid.

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